## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Ellen M. Welch et al. Confirmation No.: 7049

Serial No.: 10/521.775 Art Unit: 1636

Filed: November 23, 2005 Examiner: Vogel, Nancy Treptow

For: METHODS FOR IDENTIFYING SMALL Attorney Docket No.: 10589-044-999

MOLECULES THAT MODULATE
PREMATURE TRANSLATION TERMINATION

AND NONSENSE MEDIATED mRNA

DECAY

## FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §81.56 AND 1.97

E-File Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 and §1.97 to inform the Patent Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the application, Applicants hereby direct the Examiner's attention to references A51-A55. B12-B19 and C141-C171 listed on the attached form entitled "List of References Cited by Applicant." Copies of References B12-B17 and C141-C171 are submitted herewith.

Pursuant to 37 C.F.R. § 1.98(a)(2)(ii), copies of the cited U.S. patents and patent publications (i.c., references A51-A55) are not submitted herewith, but can be provided upon request.

Applicant invites the Examiner's attention to the prosecution histories of the following applications:

- U.S. application Serial No. 09/461,508, which issued as U.S. Patent No. 6,158,538 (reference A30 on the List of References Cited by Applicant in the Information Disclosure Statement filed January 9, 2007).
- U.S. application Serial No. 09/679,451, which issued as U.S. Patent No. 6,503,713 (reference A31 on the List of References Cited by Applicant in the Information Disclosure Statement filed January 9, 2007).
- U.S. application Serial No. 10/226,803, which issued as U.S. Patent No. 7,026,122 (reference A34 on the List of References Cited by Applicant in the Information Disclosure Statement filed January 9, 2007).
- U.S. application Serial No. 10/295,761, which issued as U.S. Patent No. 6,875,736 (reference A46 on the List of References Cited by Applicant in the Information Disclosure Statement filed April 23, 2009).
- U.S. application Serial No. 10/475,024, which published as U.S. Application Publication No. 2004-0219545 A1 (reference A51 on the List of References Cited by Applicant in the Information Disclosure Statement included herewith).
- U.S. application Serial No. 10/475,026, which published as U.S. Application Publication No. 2005-0142545 A1 (reference A36 on the List of References Cited by Applicant in the Information Disclosure Statement filed April 23, 2009).
- U.S. application Serial No. 10/519,243 which issued as U.S. Patent No. 7,291,461 (reference A48 on the List of References Cited by Applicant in the Information Disclosure Statement filed April 23, 2009).
- U.S. application Serial No. 11/098,946, which published as U.S. Application Publication No. 2005-0221368 A1 (reference A37 on the List of References Cited by Applicant in the Information Disclosure Statement filed April 23, 2009).

- U.S. application Serial No. 11/318,940 which published as U.S. Application Publication No. 2006-0134681 A1 (reference A39 on the List of References Cited by Applicant in the Information Disclosure Statement filed April 23, 2009).
- U.S. application Serial No. 11/347,748, which published as U.S. Application Publication No. 2006-0228730 A1 (reference A44 on the List of References Cited by Applicant in the Information Disclosure Statement filed April 23, 2009).
- U.S. application Serial No. 11/359,721, which published as U.S. Application Publication No. 2006-0194234A1 (reference A43 on the List of References Cited by Applicant in the Information Disclosure Statement filed April 23, 2009).

Identification of the listed references is not to be construed an admission of Applicants or Attorneys for Applicants that such references are available as "prior art" against the subject application. Applicants respectfully request that the Examiner review the foregoing references and that the references be made of record in the file history of the application.

Pursuant to 37 C.F.R. § 1.97(c)(2), Applicants estimate that a fee of \$180.00 is due in connection with the filing of this Information Disclosure Statement. The United States Patent and Trademark Office is authorized to charge the required fee to Jones Day Deposit Account No. 50-3013.

Respectfully submitted,

Date: September 10, 2010

By: Laura A. Coruzzi (Reg. No.)

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